

August 1, 1961

1400 Run

U. S. Department of Agriculture
Statistical Reporting Service
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l Statistics
Agricultural Extension Service
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 8/1/61

Week Ending 7/31/61

WEATHER This was a very humid week with temperatures averaging slightly above normal. Light winds prevailed.

Scattered thundershowers occurred somewhere in the State every day. Rains of one inch or more were common in the extreme northeast Wednesday night, the northeastern half of Nebraska on Thursday night and in the southern Panhandle Friday.

CROPS Corn made good plant development in areas where rains occurred during the past week.

There are many dry areas that are in serious need of moisture. Slightly more than 50 percent of the corn crop had tasselled by the close of the week. This is just a little ahead of the crop last year. Plants are rapidly approaching the critical fertilization period when moisture requirements are high. Irrigation is being used extensively to supply needed moisture. Corn rootworm damage is becoming more extensive, moving into some northeast counties. Damage is very severe on some irrigated fields where corn was grown last year. Spraying for adult beetles is being carried on over wide areas. High winds have flattened some corn fields in the central part of the State. Hail has also caused extensive damage in many localities.

Milo made fair development and at the close of the week, 13 percent of the crop had headed. General rains are needed to keep plant development going.

Dry beans, sugar beets, and potatoes in the upper Platte Valley are making favorable progress. This area has been favored with good precipitation and is being supplemented by irrigation water. Some wells are being utilized to conserve a limited supply of water from canals.

Harvest of small grains is practically completed. Wheat yields were lower than anticipated in many areas because of black stem rust and high temperatures at filling time. Rye yields were generally good. Returns from oats were variable and some acreage was cut for hay.

Cutting of the second crop of alfalfa is approximately 80 percent complete with yields being reduced by dry weather during July. Some counties have started on the third cutting, but a general State-wide rain is needed to give alfalfa good plant development. Wild hay harvest is making progress although upland hay yields are running much lower than a year earlier. Pasture and range feed is becoming a little short in localities where moisture has been short. Areas receiving recent rains will be greatly benefited.

LIVESTOCK Contracting of feeder cattle has started on a limited scale. Most livestock are in good condition and have made favorable gains on pasture feed. Face flies have been bothersome to livestock this year.

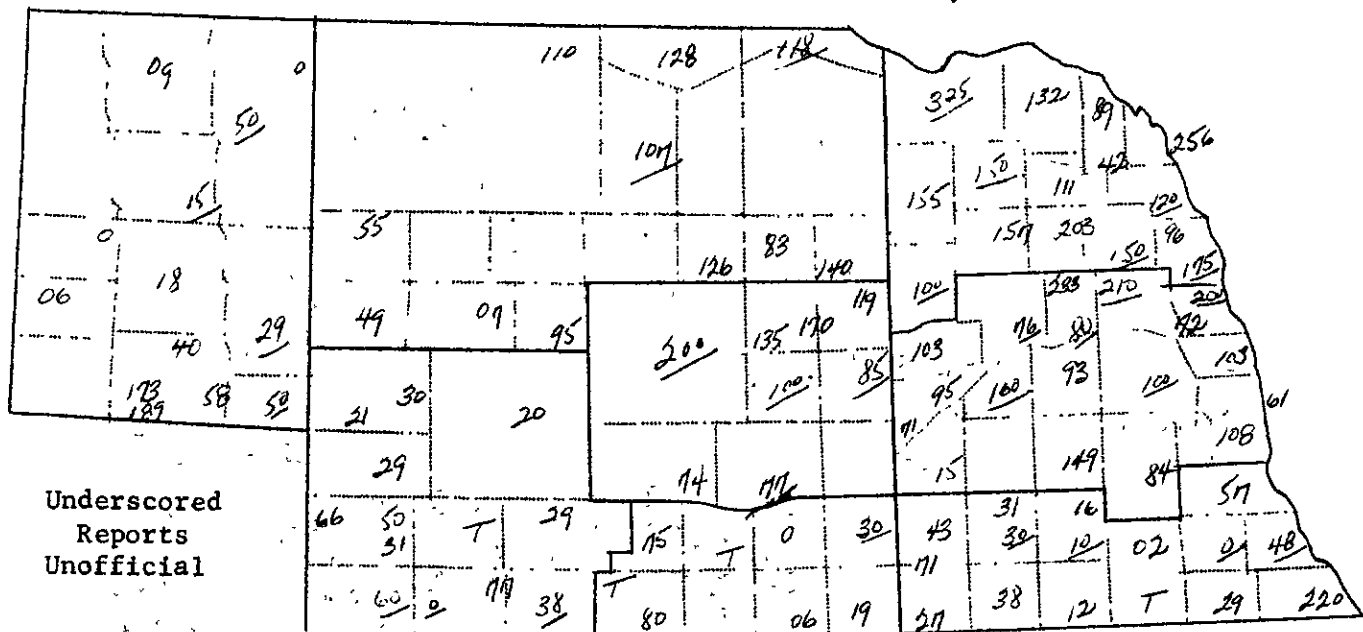
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING JULY 31, 1961

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	.93	Burwell	.82	Chadron	.15
Lincoln	.83	North Platte	.20	Imperial	.31
Norfolk	1.60	Valentine	1.41	Scottsbluff	.73
Omaha	1.01			Sidney	2.31
Sioux City	2.32				

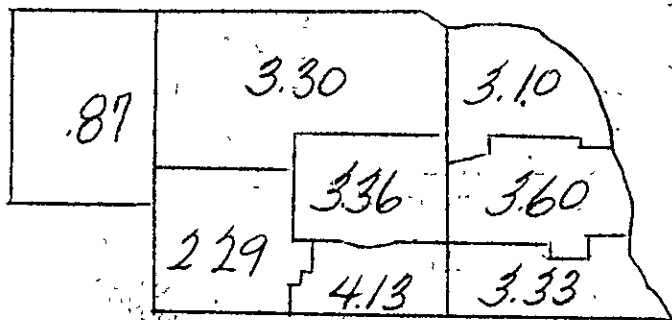
Precipitation, April 1 - July 28, 1961

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.32	.79	1.33	.93	1.04	.39	.25	.45
Total since April 1	10.28	9.74	11.43	14.01	12.53	10.88	15.11	16.24
Long-time Avg. since April 1	9.45	10.84	12.64	11.94	13.16	10.25	12.11	14.17

PRECIPITATION MAP FOR WEEK ENDING JULY 28, 1961



DEFICIENCY FROM NORMAL PERCIPITATION FOR THE 6 WEEKS JUNE 16 - JULY 28, 1961



Precipitation was above normal in the Panhandle during the week ending July 14. The central, northeast and east-central divisions received more than the average amount of rain during the final week. Near or less than normal moisture was recorded in the southern divisions each of the past six weeks.

HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m. CST)

		July 25th		26th		27th		28th		29th		30th		31st	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	98	61	96	59	88	68	95	56	94	69	101	64	87	62
	Scottsbluff	98	66	94	58	90	66	94	62	91	62	91	65	91	63
	Sidney	95	65	92	58	89	63	92	62	90	60	91	62	89	63
NC	Burwell	97	62	97	65	94	71	89	63	86	67	92	67	97	--
	Valentine	96	66	98	64	92	69	93	64	88	70	94	66	86	67
NE	Norfolk	93	67	93	72	89	68	83	66	85	67	88	68	97	73
	Sioux City	89	68	90	72	81	70	84	69	86	66	87	68	89	76
CEN	Grand Island	93	68	94	69	90	72	93	67	88	70	96	63	98	72
EC	Lincoln	94	73	90	73	94	70	89	67	89	71	98	78	98	76
	Omaha	89	68	89	72	87	69	87	66	85	70	91	76	93	73
SW	Imperial	97	65	96	61	95	68	95	66	92	67	98	73	100	67
	North Platte	94	59	94	62	91	69	96	65	90	67	92	76	99	66

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U. S. DEPARTMENT OF AGRICULTURE